Recruitment of Junior Research Assistant in Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology (BHU), Varanasi- 221005

Applications are invited (format attached) from Indian citizens who are residents of Uttar Pradesh for the post of Junior Research Assistant (JRA) to work on the Council of Science & Technology, Uttar Pradesh (CSTUP)-sponsored project (Project ID: 8785; Sanction No. CST/PHARMA/D-1677, dated 28 October 2026) entitled

"A Machine Learning-Based Web Platform for Rational Design and Optimization of Pharmaceutical Drug Delivery Formulations (Innovate Form)"

for a period of three years.

Essential qualifications: M.Sc. (CS, IT, Data Science, AI/ML), M.Pharm., B.E./B.Tech., or equivalent degree. First division in graduation and post-graduation is required under the CSTUP criteria. Only Indian citizens who are residents of Uttar Pradesh are eligible. Eligibility will be assessed in accordance with the applicable CSTUP guidelines. No relaxation in the prescribed qualifications or eligibility is permitted.

Duration: Initially for one year, extendable up to three years subject to satisfactory performance and applicable approvals. The post is purely temporary and co-terminus with the project.

Desirable qualifications: Knowledge of pharmaceutical formulation development and drug delivery; familiarity with Python/R, data curation, statistical analysis, machine learning, or web-platform development relevant to formulation design and optimization.

Fellowship: Rs. 25,000 per month for the first two years and Rs. 28,000 per month for the third year.

Age limit: 28 years as on 1 April of the year in which the application is made. No relaxation in eligibility is permitted under the CSTUP criteria.

Interested candidates are requested to send their applications in the attached format, along with a detailed CV and self-attested copies of educational qualifications, proof of date of birth, Uttar Pradesh residence, and relevant experience, if any, by email to the Principal Investigator, Dr. Ruchi Chawla, at rchawla.phe@itbhu.ac.in.

Please write "Application for Junior Research Assistant (JRA) – CSTUP Project 8785" in the subject line of the email (MANDATORY). Shortlisted candidates will be informed by email.

No TA/DA will be paid for attending the interview.

General Instructions:

1. The PI may restrict the number of candidates called for interview on the basis of relevant qualifications and experience.
2. Only shortlisted candidates will be contacted for interview. No other communication in this regard will be entertained.
3. Original certificates and self-attested copies of all certificates must be presented for verification at the interview.
4. Interview venue: Department of Pharmaceutical Engineering & Technology, IIT (BHU), Varanasi- 221005. The date and mode will be communicated to shortlisted candidates.
5. Appointment is subject to approval by the competent institutional authority and applicable CSTUP guidelines.

Last date for receiving the complete application: 08 December 2026

Dr. Ruchi Chawla (Principal Investigator)
Associate Professor
Department of Pharmaceutical Engineering & Technology, IIT (BHU), Varanasi- 221005
Email: rchawla.phe@itbhu.ac.in

APPLICATION FOR JUNIOR RESEARCH ASSISTANT (JRA) POSITION

CSTUP Project ID: 8785

PHOTO
(Passport size)

1. Full Name:
2. Date of Birth:
3. Sex:
4. Category (GEN/SC/ST/OBC/EWS):
5. Marital Status:
6. Nationality:
7. Person with disability (Y/N):
8. Father's Name:
9. Mother's Name:
10. Address for Correspondence:
    Phone/Mobile No: Email:
11. Permanent Address:
    Resident of Uttar Pradesh (Y/N): Residence proof attached:
12. Academic Record:

a. GATE/GPAT/CSIR-NET or equivalent examination details, if any (optional):
Examination: Year: Marks/Rank:

b. Qualifying degrees:

Examination passed	School/College/University, city and state	Year of passing	Subjects	Percentage / GPA	Division / Distinction
High School / X					
Intermediate / XII					
Graduation					
Post-graduation					
Other					

c. Project work: Attach details of duration, institution, area, mentor/guide, and your contribution (not more than five sentences).

d. Publications, if any: Attach a list with journal details and impact factor, if applicable.

e. Work experience, if any:

f. Currently employed (Y/N): g. Time required to join:

13. Names and addresses of two referees, with phone numbers and email addresses:

Declaration

I hereby declare that I have carefully read and understood the instructions and particulars of this application and that all entries in this form and the attached sheets are true to the best of my knowledge and belief. I understand that my eligibility is subject to verification under the applicable CSTUP guidelines.

Date:
Place: _____ Signature: _____